

Lab3

Aim: To understand list ,table and Form.

Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>Real lab1</title>
  <style>
    td , th ,table{
      border-style:double;
      padding: 1%;
      border-spacing:5px;
    }
  </style>
</head>
<body>
  <ol type = "i">
    <li>tea life</li>
    <li>suger</li>
    <li>milk</li>
  </ol>
  <ul type = "square">
    <li>ginger</li>
    <li>ilaich</li>
  </ul>
  <table>
    <tr>
      <th>sr</th>
      <th>name</th>
      <th>price</th>
    </tr>

    <tr><td>1</td>
    <td>milk</td>
    <td>60</td></tr>
    <tr>
      <td>2</td>
      <td>suger</td>
      <td>100</td>
    </tr>
  </table>
  <br>
  <table>
    <tr>
      <th rowspan="2">sr</th>
      <th rowspan="2">name</th>
      <th colspan="2">price</th>
    </tr>
  </table>
```

```
</tr>
<tr>
  <th>rupi</th>
  <th>pesa</th>
</tr>
<tr><td>1</td>
<td>milk</td>
<td>60</td>
<td>6000</td>
</tr>
<tr>
  <td>2</td>
  <td>suger</td>
  <td>100</td>
  <td>1000</td>
</tr>
</table>
<form action="google.com">
  <label for="username">username</label>
  <input type="text" id="username" name="fhih">
  <br>
  <label for="password">password</label>
  <input type="password" id="password">
  <br>
  <input type="button" id="password" value="submit">
  <br>
  <input type="button" value="Reset">
</form>
</body>
</html>
```

Output:

- i. tea life
- ii. suger
- iii. milk

- ginger
- ilaich

sr	name	price
1	milk	60
2	suger	100

sr	name	price	
		rupi	pesa
1	milk	60	6000
2	suger	100	1000

username

password

Code: Create the interactive webpages using Javascript.

```
<!DOCTYPE html>
<html>
<head>
  <title>Lab 3</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      padding: 20px;
    }
    button {
      margin: 5px;
      padding: 8px 12px;
      border: none;
      border-radius: 6px;
      background: #0077ff;
      color: white;
      cursor: pointer;
    }
    button:hover {
      background: #005fcc;
    }
    .output {
      margin-top: 15px;
      padding: 10px;
      border: 1px solid #ccc;
      border-radius: 6px;
      background: #f9f9f9;
      min-height: 30px;
    }
    .demoClass {
      padding: 5px;
      margin: 5px;
      border-radius: 4px;
      background: #eee;
    }
  </style>
</head>
<body>
  <h2>Experiment No 3: Interactive Webpage with JavaScript</h2>

  <button id="btnVar">Show Variables</button>
  <button id="btnLoop">Run Loop</button>

  <div id="output" class="output">Output will appear here...</div>
```

```
<script>

const output = document.getElementById("output");
const btnVar = document.getElementById("btnVar");
const btnLoop = document.getElementById("btnLoop");

btnVar.addEventListener("click", () => {
  var x = 10;
  let y = 20;
  const PI = 3.14;
  output.innerHTML = `var x = ${x}, let y = ${y}, const PI = ${PI}`;
});

btnLoop.addEventListener("click", () => {
  let text = "Loop Output:<br>";
  for (let i = 1; i <= 5; i++) {
    text += "For loop i = " + i + "<br>";
  }
  let j = 0;
  while (j < 3) {
    text += "While loop j = " + j + "<br>";
    j++;
  }
  let k = 0;
  do {
    text += "Do-while loop k = " + k + "<br>";
    k++;
  } while (k < 2);

  const arr = ["A", "B", "C"];
  for (const val of arr) {
    text += "For-of value = " + val + "<br>";
  }

  const obj = {a:1, b:2, c:3};
  for (const key in obj) {
    text += `For-in key = ${key}, value = ${obj[key]}<br>`;
  }

  output.innerHTML = text;
});

</script>
</body>
```

```
</html>
```

Output:

Experiment No 3: Interactive Webpage with JavaScript

Show Variables

Run Loop

```
var x = 10, let y = 20, const PI = 3.14
```

Experiment No 3: Interactive Webpage with JavaScript

Show Variables

Run Loop

```
Loop Output:  
For loop i = 1  
For loop i = 2  
For loop i = 3  
For loop i = 4  
For loop i = 5  
While loop j = 0  
While loop j = 1  
While loop j = 2  
Do-while loop k = 0  
Do-while loop k = 1  
For-of value = A  
For-of value = B  
For-of value = C  
For-in key = a, value = 1  
For-in key = b, value = 2  
For-in key = c, value = 3
```